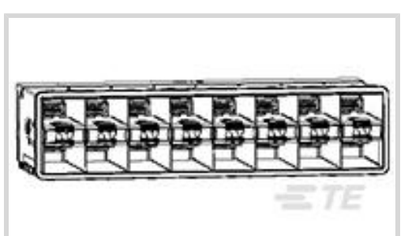
2198346-3 ✔ ACTIVE

TE Internal #: 2198346-3

zSFP+ Stacked (SFP28), Cage Assembly with Integrated Connector, .8mm [.032in] Centerline, Sealable, Signal

View on TE.com >

Connectors > Pluggable IO Connectors & Cages > zSFP+ Stacked Cage Assembly: Gasket



Form Factor: **zSFP+ Stacked (SFP28)**

Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**

Centerline (Pitch): **.8 mm [.032 in]**

Sealable: **Yes**

Circuit Application: **Signal**

All zSFP+ Stacked Cage Assembly: Gasket (34)

Features

Industry Standards

UL Flammability Rating	UL 94V-0

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	1.8 mm[.07 in]

Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]

Contact Features

Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Tail Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]

Packaging Features

Packaging Method	Tray

Configuration Features

Lightpipe Style	Standard
Number of Positions	320
Number of Ports	16
Port Matrix Configuration	2 x 8

Operation/Application

Pluggable I/O Applications	zSFP+ Thermally Enhanced
Heat Sink Compatible	No
Circuit Application	Signal

Housing Features

Cage Material	Nickel Silver Alloy
Centerline (Pitch)	.8 mm[.032 in]

Product Type Features

Cage Type	Stacked
Form Factor	zSFP+ Stacked (SFP28)
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	Yes

Electrical Characteristics

Data Rate (Max)	32 Gb/s

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Other

Included Lightpipe	Yes
EMI Containment Feature Type	Elastomeric Gasket
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

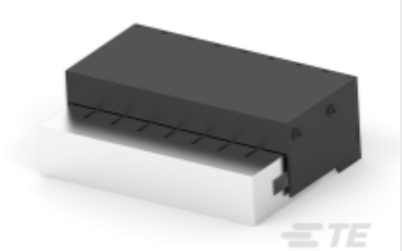
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked.Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # CAT-C11-N4901114
SFP28 to SFP28 Cable Assembly: 30 AWG

TE Part # CAT-C11-N490111
SFP28 to SFP28 Cable Assembly: 28 AWG

TE Part # 4-2821222-5
SFP56 DIRECT ATTACH CA, 2M, 30AWG



TE Part # 2215000-6
KIT, SEATING TOOL, zSFP+, 2X8

TE Part # CAT-C11-N490333
QSFP28-Four SFP+ Cable Assembly: 30 AWG

TE Part # CAT-Q17-N490333
QSFP56-Four SFP56 Cable Assembly: 26 AWG

TE Part # CAT-C11-N490325
QSFP28-Four SFP+ Cable Assembly: 26 AWG

TE Part # 4-2821224-5
SFP56 DIRECT ATTACH CA, 3M, 26AWG

TE Part # 2334985-2
SFP28 DIRECT ATTACH CA, 1M, 32AWG

TE Part # CAT-Q17-N49011
QSFP56-Four SFP56 Cable Assembly: 30 AWG

TE Part # CAT-C11-N49011
SFP28 to SFP28 Cable Assembly: 26 AWG

TE Part # 4-2334985-2
SFP56 DIRECT ATTACH CA, 1M, 32AWG

Customers Also Bought

TE Part #6-2213362-2
RCPT ASSY,DIMMABLE PHOTOCONTROL,150C,3 P

TE Part #2132529-3
IMP100S,H,V3P6C,LG,REW39,5.5

TE Part #5-1375870-4
RCPT ASSY,12 POS,VERT,0.8MM MI

TE Part #1-1871058-5
PCI EXPRESS CONN. EON TYPE, 280P, L=3.25

TE Part #1-2170287-1
1X4 CAGE ASSEMBLY, QSFP,SINGLE SQ LP

TE Part #1734100-3
Champ050 series,30pos,Au over PdNi

TE Part #1734101-3
Champ050 series,30pos,Au over PdNi

TE Part #1934949-1
Tinman 5pr 8col vert recpt 15mm stack

TE Part #2110570-1
SFP+ 1x4 Cage Assembly Square Light Pipe

TE Part #2007808-2
IMP100S,H,V4P10C,LG,OEW46,4.9

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2198346-3_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2198346-3_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2198346-3_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

zSFP+ Interconnect Brochure

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English